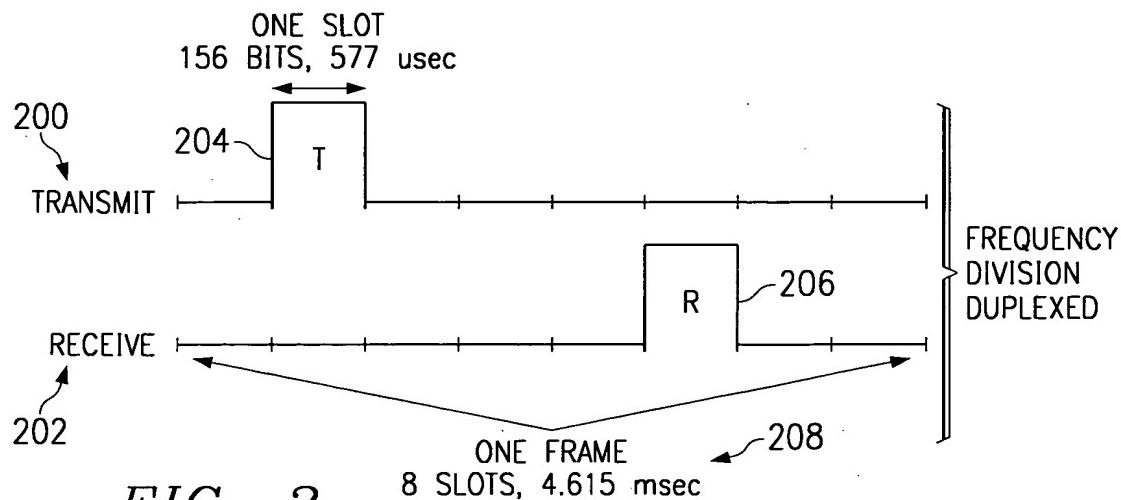
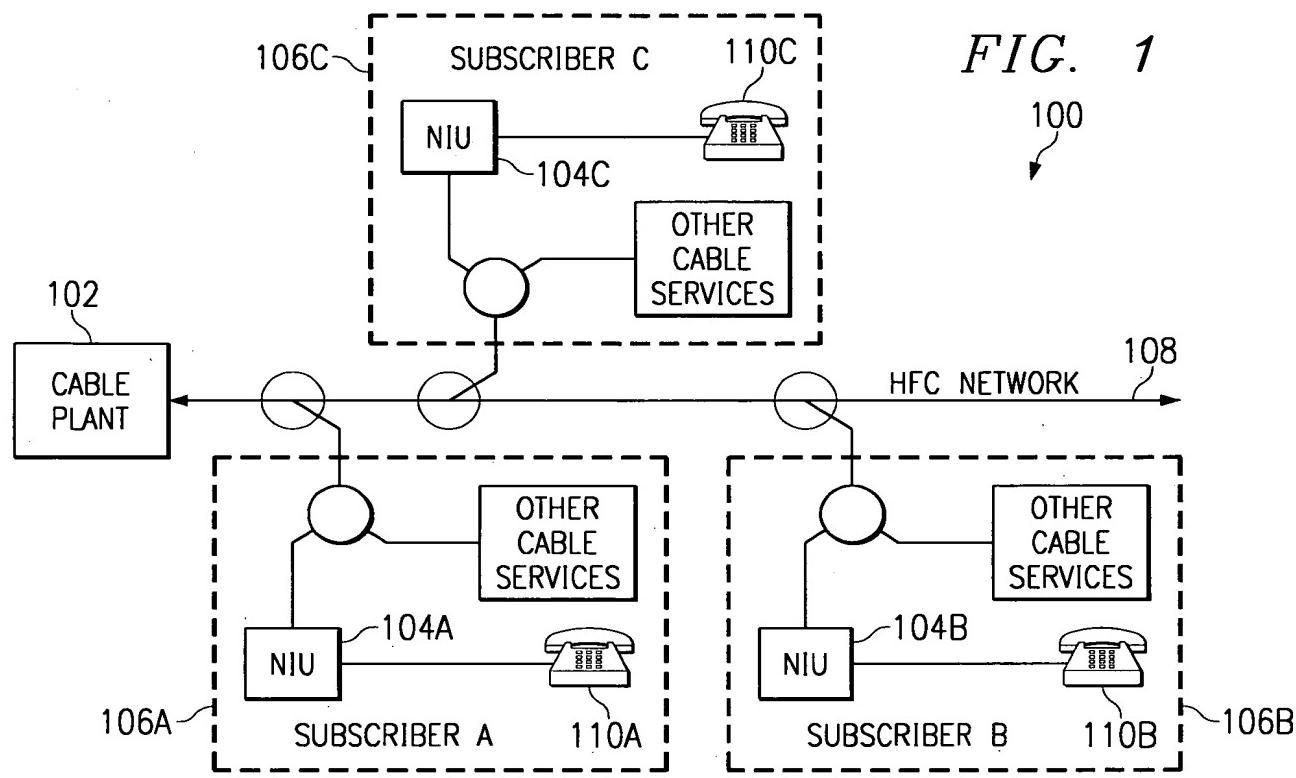
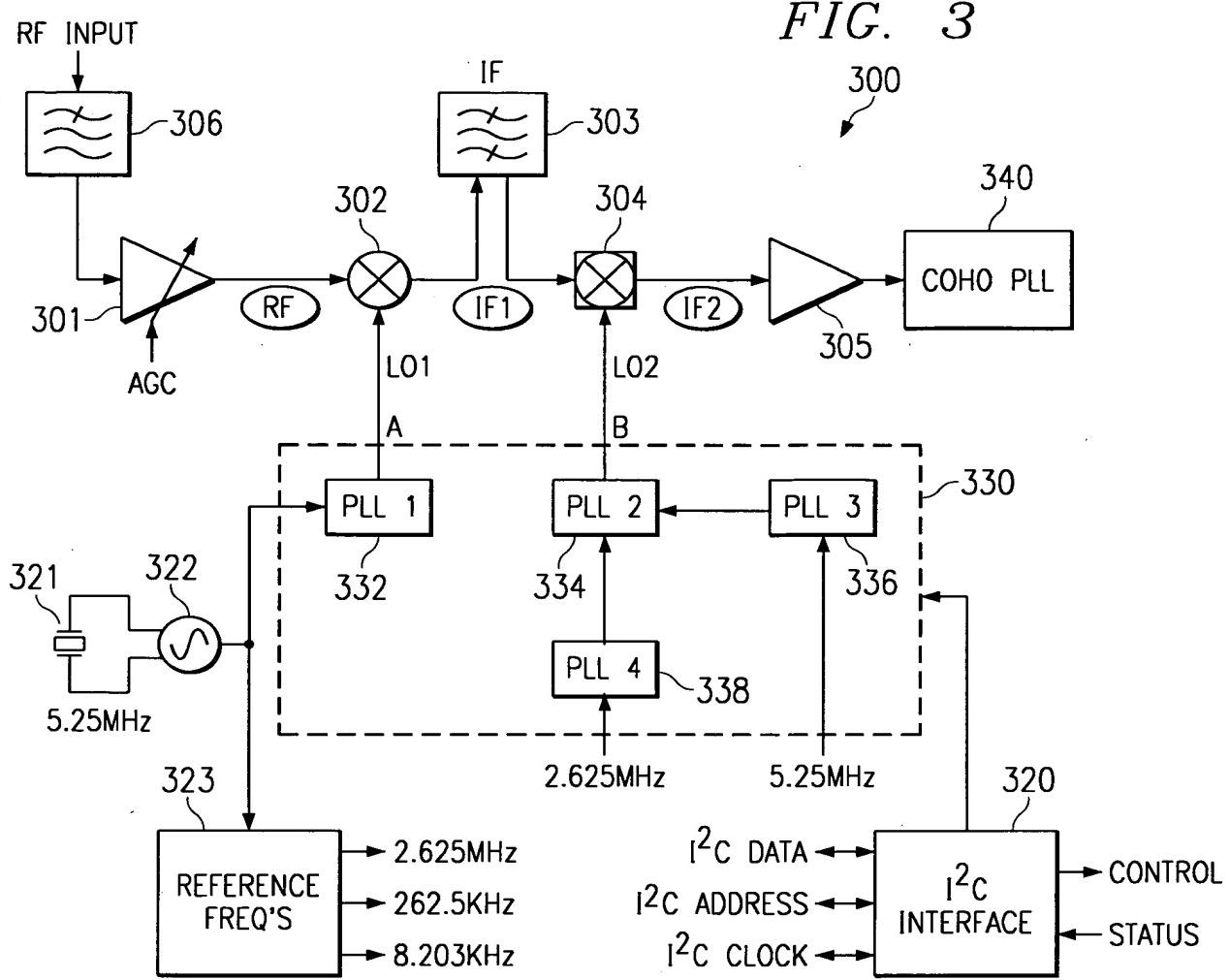


APPROVED	J.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

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406	400	402	404
CELLULAR-GSM	200kHz	30kHz	375kHz
FRAME	4.615 msec	40 msec	40 msec
SLOTS/FRAME	8	3	64
MODULATION	GMSK	$\pi/4$ -DQPSK	256-QAM
TOTAL BIT RATE	270kb/s	48kb/s	2690kb/s
BITS/Hz	1.35	1.6	7.2
BIT RATE/SLOT	34kb/s	16kb/s	42kb/s
NET BIT RATE	13kb/s	8kb/s	13kb/s
POWER SAVED*	65.8%	64.1%	95.9%

* ASSUMING 1 msec OVERHEAD (LOCK TIME)

FIG. 4